

In the claims:

1. (Currently Amended) A composition, comprising:
  - a basic component;
  - an acidic component;
  - at least one monoacrylate component, wherein the acidic component and the monoacrylate component are different compounds;
  - a light sensitive initiator, wherein a polymerization reaction between the at least one monoacrylate component and free radicals formed by the light sensitive initiator occurs ~~upon exposure~~ when the light sensitive initiator is exposed to optical energy while being present with the monoacrylate component; and
  - a polar binder comprising a viscosity modifier and a surface tension modifier, wherein the polar binder is capable of stimulating a crosslinking reaction between the basic component and the acidic component.
2. (Original) The composition of claim 1, wherein the light sensitive initiator is selected from ultraviolet initiators, visible initiators, and combinations thereof.
3. (Original) The composition of claim 1, further comprising components selected from a retardant, an inhibitor, a wetting agent, a colorant, and combinations thereof.
4. (Previously Presented) The composition of claim 1, wherein the basic component and the acidic component are in the form of a powder; and wherein the polar binder includes a polar solvent, a monoacrylate component, the surface tension modifier, the viscosity modifier, and the light sensitive initiator.
5. (Previously Presented) The composition of claim 1, wherein the basic component is in the form of a powder; wherein the polar binder includes a polar solvent, the acidic component, a monoacrylate component, the surface tension modifier, the viscosity modifier, and the light sensitive initiator.

6. (Previously Presented) The composition of claim 1, wherein the basic component and a first acidic component are in the form of a powder; wherein the polar binder a polar solvent, a second acidic component, a monoacrylate component, the surface tension modifier, the viscosity modifier, and the light sensitive initiator.

7. (Previously Presented) The composition of claim 4, wherein the powder components have a particle size from about 1 to 100 microns.

8. (Original) The composition of claim 1, wherein the viscosity modifier is selected from ethanol, hexanediol, pentanediol, ethylene glycol diacetate, potassium aluminium sulphate, isopropanol, ethylene glycol monobutyl ether, diethylene monobutyl ether, dodecyldimethylammonium propoane sulphonate, glycerine triacetate, ethyl acetoacetate, polyvinyl pyrrolidone, polyethylene glycol, polyacrylic acid, sodium polyacrylate, and combinations thereof.

9. (Original) The composition of claim 1, wherein the surface tension modifier is selected from ethanol, hexanediol, pentanediol, tergitols, ethylene glycols, fluorosurfactants, and combinations thereof.

10. (Original) The composition of claim 1, wherein the basic component is selected from metal oxides, metal oxide salts, reactive glasses, and combinations thereof.

11. (Original) The composition of claim 1, wherein the acidic component is selected from alginic acid, gum arabic, nucleic acids, pectins, proteins, carboxymethylcellulose, ligninsulphonic acids, acid-modified starch, polyacrylic acid, polymethacrylic acid, polymethacrylic acid copolymer with methyl methacrylate, polyvinyl sulphonic acid, polystyrene sulphonic acid, polysulphuric acid, polyvinyl phosphonic acid, polyvinyl phosphoric acid, the

homo- and copolymers of unsaturated aliphatic carbonic acids, the anhydrides of the unsaturated aliphatic carbonic acids, and combinations thereof.

12 – 21. (Canceled)